

Prof. Dr. Daniel Dietrich 1

CURRICULUM VITAE**Professor Dr. Daniel R. Dietrich**

Date of birth July 27, 1959

Social Sec. No. 286.59.327.319 (Swiss); 246-61-6012 (US)

Citizen of Zurich, Switzerland

Marital Status Married, three children

Profession Registered Toxicologist (Dr. nat. sci., ETH)

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Professional Experience

Jan. 1996 - Professor of Toxicology, Head of the Environmental Toxicology Research Group, University of Konstanz, Germany.
Adjunct Professor of Toxicology, Department of Environmental and Occupational Health, Graduate School of Public Health, University of Pittsburgh, USA
Adjunct Associate Professor, Swiss Federal Institute of Technology (ETH), Zurich, Switzerland

May 1995 – Dec. 1995 Visiting Associate Professor at the University of Pittsburgh, Department of Environmental and Occupational Health and Toxicology, Graduate School of Public Health.

September 1994 *Venia Legendi* in Toxicology at the Swiss Federal Institute of Technology (ETH Zurich), Switzerland: „Alpha2u-Globulin: Species and sex specific protein synthesis and excretion and its association with chemically induced renal toxicity and neoplasia in the male rat, and its relevance in conjunction with human cancer risk assessment.“

Aug. 1991 – April 1995 Primary investigator and head of the ecotoxicology group Institute of Toxicology, Federal Institute of Technology (ETH) of Zurich & University of Zurich, Switzerland.

Nov. 1989 – July 1991 Post-doctoral fellow. The University of North Carolina

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Department of Pathology, Program of Molecular
Carcinogenesis and Mutagenesis, Head J.A. Swenberg
D.V.M., Ph.D.

- April 1989 – Nov. 1989 Post-doctoral fellow. Glaxo Research Laboratories,
J.A. Swenberg D.V.M., Ph.D., Head Drug Safety
Evaluation, Glaxo Inc. Research Triangle Park, North
Carolina.
- Oct. 1988 – March 1989 Research associate at the Institute of Toxicology,
Swiss Federal Institute of Technology, Zurich, Switzerland.
- Nov. 1986 – June 1987 Expertise work on the ecotoxicological consequences of
phosphoric acid-esters released to the river Rhine, in the
aftermath of the SANDOZ fire at SANDOZ AG, Basel,
Switzerland.
Appointed by the Government of the Canton Baselland and by
SANDOZ AG, Basel, Switzerland

Academic Training

- Nov. 1985 – Oct. 1988 Ph.D. – thesis and work as scientific assistant at the Institute of
Toxicology, Zurich, Switzerland.
Ph.D.-thesis: Aluminum toxicity to salmonids at low pH."
- July 1985 – Nov. 1985 Visit to Canada and the USA
- November 1984 Master of Science. (Limnology/Toxicology) Federal
Institute of Technology, Zurich, Switzerland
Masters degree in Limnology. Masters thesis:
„The variation of response toward N- and P-limited
growth in the green algae *Chlamydomonas reinhardtii*."
- Oct. 1982 – Oct. 1984 Undergraduate studies at the ETH, Zurich
(Federal Institute of Technology, Zurich, Switzerland);
Major in Systematic and Ecological Biology and
Toxicology
B.S. (Life Sciences) University of Zurich, Switzerland
- Nov. 1980 – Oct. 1982 Undergraduate studies at the University of Zurich,
Switzerland. Major in Biology

Registered Board Member

Swiss Board of Toxicologists
EUROTOX Registered Toxicologist
Fellow of the Academy of Toxicological Sciences

Memberships

- European Society of Toxicological Pathology (ESTP)
- Academy of Toxicological Sciences (ATS)
- Society of Environmental Toxicology and Chemistry (SETAC)

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- Society of Toxicology (SOT)
- Swiss Society of Pharmacology and Toxicology (SGPT)
- German Society of Pharmacology and Toxicology (DGPT)
- Society of Toxinology
- Society for General and Applied Microbiology (VAAM)
- Federation of European Microbiological Societies (FEMS)
- European Center for Ecotoxicology and Toxicology of Chemicals (ECETOC)

Science Advisory Panels

- Grant Review Panel, Medical Research Council of Canada
- Grant Review Panel, The Wellcome Trust
- American Cyanamid, Pesticide Review Panel, 1997
- Gutachter, Wissenschaftsrat, Bund-Länder-Kommission für Bildungsplanung und Forschungsförderung, Germany
- Science Advisory Member of the EUREGIO Lake Constance Agenda 21
- Grant Review Panel, Baden-Württemberg BW-PLUS, State Funding for Ecological Research
- Grant Review Panel, Deutsche Forschungsgemeinschaft (DFG)
- Grant Review Panel, Deutsche Bundesstiftung Umwelt (DBU), Osnabrück
- Environmental Agency, United Kingdom
- European Center for Ecotoxicology and Toxicology of Chemicals (ECETOC), Bruxelles, B
- European Union, Institute of Consumer Health and Safety, ECVAM, JRC, Ispra, I
- Endocrine Disruption and Ecotoxicology Expert, OECD, Paris, F

Editor / Editorial Board Member

Toxicology Letters (1998 –)
 Toxicology Letters – Guest Editor Special Topics Issue – *Musk Fragrances* (1999)
 Toxicology Letters – Guest Editor Special Topics Issue – *Hot Spot Pollutants: Pharmaceuticals in the Environment* (2002–)
 Aquatic Toxicology (1998–)
 Experimental and Toxicologic Pathology (2000 –)
 Toxicology-in-Vitro; reviews Editor (2003 –)
 Toxicology and Applied Pharmacology (2003–)
 Toxicology and Applied Pharmacology-Guest Editor Special Topics Issue – *Algal Toxins* (2004)

Functions

- Organizing Committee Member and Chairman of the Third European Conference On Ecotoxicology (SECOTOX) August 1994 in Zürich, Switzerland
- Head Organizing Committee and Chairman of the
 - 1st Ecotoxicology Statuskolloquium, "State of the art techniques for assessment of environmental toxicants", November 27, 1996, Konstanz, Germany
 - 2nd Ecotoxicology Statuskolloquium, "Endocrine disruptive xenobiotics in the environment, imagined or real risk for humans and environmental organisms", December 11-12, 1997, Meersburg, Germany
 - 3rd Ecotoxicology Statuskolloquium, "Indiscriminate use of antibiotics in medicinal, veterinary and agricultural practice: evaluation of the potential risk posed by the broad induction of multi-drug-resistance (MDR) in human- and non-human pathogens", December 3-4, 1998, Meersburg, Germany

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- 5th Ecotoxicology Statuskolloquium, "Pharmaceuticals in the Environment: Sources, Presence, Effects, Risk and Legislation", November 19-20, 2001, Konstanz, Germany
- Chairman, Food Safety, Society of Toxicology Meeting, March 14-18, 1999, New Orleans, USA
 - Co-Chairman, Natural Toxins, Society of Toxicology Meeting, March 18-25, 2000, Philadelphia, USA
 - Chairman, Endocrine Systems, Society of Toxicology Meeting, March 25-28, 2001, San Francisco, USA
 - Chairman, Renal Toxicology, Society of Toxicology Meeting, March 16-21, 2002, Nashville, USA
 - Chairman, Special Symposium on Pharmaceuticals in the Environment, SETAC Europe Annual Meeting, Vienna May 11-16, 2002.
 - Chairman, Health & Disease, 18th Workshop on Drug Metabolism, Valencia September 16-20.
 - Science Advisory Committee-Member, Special Symposia Organizer, Annual SETAC Europe Conference 2002, Vienna Austria
 - Council Member SETAC Europe May 24, 1999 – May 25 2002
 - OECD Expert Panel Endocrine Disrupters, 2001 -
 - Committee-Member AGENDA 21 EUREGIO Lake Constance (Germany, Switzerland, Austria), June 1999-April 2003
 - Science Advisory Committee-Member, Special Symposia Organizer, Annual SETAC Europe Conference 2003, Hamburg, Germany
 - Chairman, Taskforce in-vitro techniques for detection of EDC, ECVAAM, Ispra, Italy, 2003-
 - OECD Expert Panel VMG-non-Animal, VMG-Eco, 2003 -
 - Council Member SETAC Europe May 24, 2003 – May 25 2006
 - Science Advisory Committee-Member, Special Symposia Organizer, Annual SETAC Europe Conference 2004, Prague, Czech Republic
 - Organizer of the Society of Toxicology Specialty Meeting on Renal Toxicology, Island of Lindau, Germany 2004

Regular or Frequent Reviewer

Adv. In Microbiol.
 Aquatic Toxicology
 Botanical Bulletin of Academica Sinica
 Cancer Research
 Carcinogenesis
 Chemical and Biological Interactions
 Chemosphere
 Crit. Reviews In Toxicology
 Environmental Health Perspectives
 Environmental Science and Technology
 Environmental Toxicology
 Environmental Toxicology and Chemistry
 Experimental & Toxicologic Pathology
 Fish Physiology and Biochemistry
 Free Radical Biology & Medicine
 Hepatology
 Kidney International
 Journal of Pharmacology and Experimental Therapeutics
 Pharmacology Res.
 Phycology
 Toxicology Letters

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Toxicology in vitro
Toxicon
Toxicological Sciences
Toxicology and Applied Pharmacology
Water Research

Patents

- "Computer assisted sorting and length determination of amphibian- and fish eggs for automated testing of embryotoxicity and teratogenicity of environmentally relevant compounds." Patent pending.
- "Congener independent detection of microcystin- and nodularin congeners". Patent # PCT WO 01/18059

Languages

German:	fluent, oral and written
English:	fluent, oral and written
French:	good, knowledge, oral and written
Italian & Spanish:	basic knowledge

Publications

Original Articles (1st Authorships)

1. Dietrich, D.R. and O'Brien, E. (2003): Biological effects of pharmaceuticals in the environment. Trends in Biotechnology, invited opinion-review, submitted.
2. Dietrich, D.R., Webb, S.F. and Petry, T. (2002): Hot spot pollutants: pharmaceuticals in the environment. Tox. Lett., 131(1-2):1-4.
3. Dietrich, D.R., O'Brien, E., Stack, M.E. and Heussner A.H. (2001): Species- and sex-specific renal cytotoxicity of Ochratoxin A and B *in vitro*. Exp. Toxic. Pathol. 53(2):215-225.
4. Dietrich, D.R. (2001): Detecting cyanotoxins in water. Biofutur, 209:44-47.
5. Dietrich, D.R. and Kehr, J.P. (1999): The toxicology of musk fragrances. Tox. Lett. 111(1-2): 1-4.
6. Dietrich, D.R. (1998): Environmental health issues of the future: compounds of highest concern. Journal of the Swiss Society for Water Protection and Environmental Hygiene VGL 3/98, 10-12.
7. Dietrich, D.R. (1998): Assessment of critical issues in aquatic toxicology. Annual Proceedings of the Swiss Society for Water Protection and Limnology, 1-10.
8. Dietrich, D.R. (1997): Doubting non-genotoxic mechanisms of renal cancer: comparing apples and oranges in the α 2u-globulin hypothesis. Environ. Health Perspect., 105(9):898-901.
9. Dietrich, D.R., Schmid, P., Zweifel, U. and Schlatter, Ch. (1996): Effects of permethrin on the fauna of the river Goldach, assessed via residue analysis in sediment, algae and mollusc samples. Mitt. Gebiete Lebensm. Hyg., 87, 685-696
10. Dietrich, D.R. (1995): Critical assessment of the ecotoxicological significance of heavy metal analysis in fish from Swiss lakes and streams. Mitt. Gebiete Lebensm. Hyg., 86:213-255.
11. Dietrich, D.R., Zweifel, U., Schmid, P., Schlatter, Ch., Jenny-Eiermann, S., Bachmann, M., Bühler, U., and Zbinden, N. (1995): Mortality of birds of prey following field application of granular carbofuran: A case study. Arch. Environm. Contam. Toxicol., 29 (1), 140-145.

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12. Dietrich, D.R. and T. Rásonyi (1995): Preneoplastic lesions in kidney and carcinogenesis by non-genotoxic compounds. Archives in Toxicology, Supplement 17, 536-546.
13. Dietrich, D.R., R. Candrian, D. S. Marsman, J. A. Popp, W. K. Kaufmann and J. A. Swenberg (1994): Retrospective assessment of liver cell proliferation via PCNA: a comparison with tritiated thymidine. Cancer Lett., 79, 45-51.
14. Dietrich, D.R. (1993): Toxicological and pathological applications of proliferating cell nuclear antigen (PCNA), a novel endogenous marker for cell proliferation. Crit. Rev.Toxicol., 23(1):77-109.
15. Dietrich, D.R. (1992): Nephrocarcinogenicity of unleaded gasoline. Toxikologiska Radet, 6:27-31. A resource publication of the Swedish Chemicals Inspectorate (KEMI).
16. Dietrich, D.R. and J. A. Swenberg (1991): Preneoplastic lesions in rodent kidney induced spontaneously or by non-genotoxic agents: predictive nature and comparison to lesions induced by genotoxic carcinogens. Mut. Res., 248, 239-260.
17. Dietrich, D.R. and J. A. Swenberg (1991): The presence of alpha 2u-globulin is necessary for d-limonene promotion of male rat kidney tumors. Cancer Res., 51, 3512-21.
18. Dietrich, D.R. and J. A. Swenberg (1991): NCI-Black-Reiter (NBR) male rats fail to develop renal disease following exposure to agents that induce alpha-2u-globulin (alpha 2u) nephropathy. Fundam. Appl. Toxicol., 16, 749-62.
19. Dietrich, D.R. and J. A. Swenberg (1990): Lindane induces nephropathy and renal accumulation of alpha 2u-globulin in male but not in female Fischer 344 rats or male NBR rats. Toxicol Lett, 53, 179-81.
20. Dietrich, D.R. and Ch. Schlatter (1989): Low levels of aluminum causing death of brown trout (*Salmo trutta fario* L.) in a Swiss alpine lake. Aquat. Sci., 51/4, 279-295.
21. Dietrich, D.R. and Ch. Schlatter (1989): Aluminum toxicity to rainbow trout at low pH. Aquat. Toxicol., 15, 197-212.
22. Dietrich, D.R., Ch. Schlatter, N. Blau and M. Fischer (1989): Aluminum and acid rain: Mitigating effects of NaCl on aluminum toxicity to brown trout (*Salmo trutta fario*) in acid waters. Toxicol. Environ. Chem. 19, 17-23

Original Articles (Coauthorships)

23. Jungblut, A.-D., Hawes, I., Mountfort, D., Hitzfeld, B.C., Dietrich, D.R., Burns, B. and Neilan, B. (2004): Diversity of cyanobacterial mat communities in three metwater ponds of different salinities, McMurdo Ice Shelf, Antarctica., In press.
24. O'Brien, E. and Dietrich, D.R., (2004): Pharmaceuticals in the Environment: Hindsight rather than foresight. Trends in Biotechnology, in press.
25. O'Brien, E. and Dietrich, D.R., (2004): Ochratoxin a continuing enigma. Crit. Reviews in Toxicology, in press.
26. Höger, S., Hitzfeld B.C., Shaw, G.A., and Dietrich, D.R. (2004): Occurrence and Elimination of Cyanobacterial Toxins in Two Australian Drinking Water Treatment Plants. Toxicon, in press.
27. Ellis, R.J., van den Heuvel, M.R., Bandelji, E., Smith, M.A., McCarthy, L.H., Stuthridge, T.R. and Dietrich D.R. (2003): Evidence of an androgenic response in adult female mosquitofish (*Gambusia affinis affinis*) exposed to a New Zealand pulp and paper mill effluent. Environmental Toxicology and Chemistry, 22 (7): 1448-1456
28. Heussner, A.H., O'Brien, E., and Dietrich, D.R. (2002): Species – and sex-specific variations in binding of ochratoxin A by renal proteins. Exp. Tox. Path., 54:151-159.
29. Höger, S., Dietrich, D.R., and Hitzfeld B.C. (2002) Effect of ozonation in drinking water treatment on the removal of cyanobacterial toxins. Environmental Health Perspectives, 110(11): 1127-1132.
30. Länge, R. and Dietrich, D.R. (2002): Environmental Risk Assessment of Pharmaceutical Drug Substances - Conceptual Considerations. Tox. Lett., 131(1-2):97-104.

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31. Zerulla, M., Länge, R., Steger-Hartmann, T., Panter, G., Hutchinson, T., and Dietrich, D.R. (2002): Morphological Sex Reversal Upon Short-Term Exposure To Endocrine Modulators In Juvenile Fathead Minnow (*Pimephales promelas*). *Tox. Lett.*, 131(1-2):51-64.
32. Schmid, T., Gonzalez-Valero, J. Rufi, H. and Dietrich, D.R. (2002): Determination of the half-life of vitellogenin in male fathead minnows as an indicator for endocrine modulation. *Tox. Lett.*, 131(1-2):65-74.
33. Fischer, W.J., Garthwaite, I., Miles, C.O., Ross, K.M., Aggen, J.B., Chamberlin, R.A., Towers, N.R., and Dietrich, D.R. (2001): A Congener-Independent Immunoassay for Microcystins and Nodularins. *Environ. Sci. Technol.* 35(24):4753-4757.
34. Ernst, B., Hitzfeld, B.C., and Dietrich, D.R. (2001): Presence of *Planktothrix* sp. and cyanobacterial toxins in Lake Ammersee, Germany and their impact on whitefish (*Coregonus lavaretus* L.). *Environ. Tox.*, 16(6):483-388.
35. O'Brien, E., Heussner, A., and Dietrich, D.R. (2001): Species-, sex- and cell type specific effects of ochratoxin A and B. *Tox. Sci.*, 63:256-264.
36. Czech, P., Weber, K., and Dietrich, D.R. (2001): Effects of endocrine modulating substances on reproductive parameters of the hermaphroditic snail *Lymnaea stagnalis* L. (Gastropoda, Pulmonata, Basomatophora). *Aquatic Toxicol.*, 53:103-114.
37. Studer-Rohr, I., Schlatter, J., and Dietrich, D.R. (2000): Intraindividual variation in plasma levels and kinetic parameters of ochratoxin A in humans. *Arch. Toxicol.* 74(9):499-510.
38. Mikhailov, A.M., Härmälä-Brasken, A.-S., Meriluoto, J.A.O., Sorokina, Y., Dietrich, D.R., and Eriksson, J.E. (2000). Production and specificity of mono and polyclonal antibodies against microcystins conjugated through N-methyldehydroalanine. *Toxicon*, 39(4):477-483
39. Hitzfeld, B.C., Lampert, C.S., Spaeth, N., Mountfort, D., Kaspar, H., and Dietrich, D.R. (2000): Toxin production in cyanobacterial mats from ponds on the McMurdo iceshelf, Antarctica. *Toxicon*, 38:1731-1748.
40. Fischer, W. and Dietrich, D.R. (2000): Pathological and biochemical characterization of microcystin-induced hepatopancreas and kidney damage in carp (*Cyprinus carpio*). *Toxicol. Appl. Pharmacol.* 164(1):73-81.
41. Fischer, W. and Dietrich, D.R. (2000): Toxicity of the cyanobacterial cyclic heptapeptide toxins microcystin-LR and -RR in early-life stages of the clawed frog (*Xenopus laevis*). *Aquat. Toxicol.*, 49(3):189-198.
42. Fischer, W., Hitzfeld, B., Tencalla, F., Eriksson, J., Mikhailov, A., and Dietrich, D.R. (2000): Microcystin-LR toxicodynamics, induced pathology and immunohistochemical localization in livers of blue-green algae exposed rainbow trout (*Oncorhynchus mykiss*). *Toxicological Sciences* 54: 365-373.
43. Hitzfeld, B.C., Höger, S.J. and Dietrich, D.R. (2000): Cyanobacterial Toxins: Removal during drinking water treatment and human risk assessment. *Env. Health Persp.* 108(suppl 1):113-122.
44. Chou, Y.-J., and Dietrich, D.R. (1999): Interactions of nitromusk parent compounds and their amino-metabolites with the estrogen receptor of rainbow trout (*Oncorhynchus mykiss*) and the South African clawed frog (*Xenopus laevis*). *Toxicol. Lett.*, 111(1-2):27-36.
45. Chou, Y.-J., and Dietrich, D.R. (1999): Toxicity of nitromusks in early lifestages of South African clawed frog (*Xenopus laevis*) and zebrafish (*Danio rerio*). *Toxicol. Lett.*, 111(1-2):17-26.
46. Rasonyi, T., Schlatter, J., and Dietrich, D.R. (1999): The role of alpha2u-globulin in ochratoxin A induced kidney tumors. *Toxicol. Lett.*, 104:83-92.
47. Rumpf, S., Frampton, C., and Dietrich, D.R. (1998): Effects of insecticides on fecundity and other life-table parameters of *Micromus tasmaniae* (Neuroptera: Hemerobiidae). *J. Econ. Entomol.*, 91(1):34-40.
48. Dauberschmidt, C., Dietrich, D.R. and Schlatter, Ch. (1997): Investigations on the biotransformation capacity of organophosphates in the mollusc *Dreissena polymorpha* P. *Aquatic Toxicology*, 37(4), 283-294.

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49. Dauberschmidt, C., Dietrich, D.R. and Schlatter, Ch. (1997): Esterases in the zebra mussel *Dreissena polymorpha* (Pallas): Activities, inhibition, and binding to organophosphates. *Aquatic Toxicology*, 37(4), 295-305.
50. Dauberschmidt, C., Dietrich, D.R. and Schlatter, Ch. (1997): Characterization of accumulation, depuration and organ distribution of organophosphates in the zebra mussel *Dreissena polymorpha* (Pallas). *Arch. Environm. Contam. Toxicol.*, 33:42-46.
51. Zimmermann, G., Dietrich, D.R., Schmid, P., and Schlatter, Ch. (1997): Congener-specific bioaccumulation of PCBs in different water bird species. *Chemosphere*, 34:1379-1388.
52. Tencalla, F.G. and Dietrich, D.R. (1997): Biochemical characterization of microcystin toxicity in trout (*Oncorhynchus mykiss*). *Toxicon*, 35, 583-595.
53. Sahin, A., Tencalla, F.G., Dietrich, D.R. and Naegeli, H. (1996): Biliary excretion of biochemically active cyanobacteria (blue-green algae) hepatotoxins in fish. *Toxicology*, 106, 123-130.
54. Dauberschmidt, C., Dietrich, D.R. and Schlatter, Ch. (1996): Toxicity of organophosphate insecticides in the zebra mussel *Dreissena polymorpha* (Pallas). *Arch. Environm. Contam. Toxicol.*, 30(3):373-378.
55. Sahin, A., Tencalla, F.G., Dietrich, D.R. and Naegeli, H. (1996): Biliary excretion of biochemically active cyanobacteria (blue-green algae) hepatotoxins in fish. *Toxicology*, 106, 123-130.
56. Sahin, A., Tencalla, F.G., Dietrich, D.R., Mez, K. and Naegeli, H. (1995): Enzymatic analysis of liver samples from rainbow trout for diagnosis of blue-green algae-induced toxicosis. *Am. J. Vet. Res.*, 56, 1110-1116.
57. Studer-Rohr, I., Dietrich, D.R., Schlatter, J., and Schlatter, Ch. (1995): The presence of ochratoxin A (OA) in coffee. *Fd. Chem. Tox.*, 33(5):341-355.
58. Studer-Rohr, I., Dietrich, D.R., Schlatter, J., and Schlatter, Ch. (1994): Ochratoxin A (OA) im Kaffee: Neue Erkenntnisse und Toxikologie. *Lebensmitteltechnologie*, 27 (12):435-441.
59. Studer-Rohr, I., Dietrich, D.R., Schlatter, J., and Schlatter, Ch. (1994): Ochratoxin A (OA) and Coffee. *Mitt. Geb. Lebensm. Hyg.*, 85:719-727.
60. Tencalla, F.G., Dietrich, D.R. and Schlatter, Ch. (1994): Toxicity of *Microcystis aeruginosa* peptide toxin to yearling rainbow trout (*Oncorhynchus mykiss*). *Aquat. Toxicol.*, 30, 215-224.
61. Woosley, J. T. and Dietrich, D.R. (1993): Prognostic significance of PCNA grade in malignant melanoma. *J. Cutan. Pathol.*, 20, 498-503.
62. Studer-Rohr, I., Dietrich, D.R., Schlatter, J., and Schlatter, Ch. (1993): Ochratoxin A (OTA) in green and roasted coffee beans. *Proceedings of the 15th Colloque de l'Association Scientifique Internationale du Cafe*, Montpellier, France, 2:443-452.
63. Studer-Rohr, I., Schlatter, J., Dietrich, D.R., and Schlatter, Ch. (1993): Ochratoxin A in green and roasted coffee beans. *Proceedings of the First International Workshop on the Occurrence and Significance of Mycotoxins*. London, U.K., 221-216.
64. Cantoreggi, S., Dietrich, D.R., and Lutz, W.K., (1993): Induction of cell proliferation in the forestomach of F344 rats following subchronic administration of styrene 7,8-oxide and butylated hydroxyanisole. *Cancer Res.*, 53:2505-2508.
65. Swenberg, J.A., Dietrich, D.R., McClain, R.M. and Cohen, S.M. (1992): Species specific mechanisms of carcinogenesis. In: *Mechanisms of carcinogenesis in Risk Identification*, Ed. H. Vainio, P.N. Magee, D.B. McGregor and A.J. Michael; Lyon International Agency for Research on Cancer, pp 470-500.
66. Foley, J. F., Dietrich, D.R., Swenberg, J. A. and Maronpot, R. R. (1991): The detection and evaluation of proliferating cell nuclear antigen (PCNA) in rat tissue by an improved immunohistochemical procedure. *J. Histotechnol.*, 14(4), 237-241.

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Books and Book Chapters

67. Dietrich, D.R. (2004): Hot spot pollutants: Pharmaceuticals in the Environment, Dietrich, D.R. (Ed.), *Advances in Pharmacology Series*, Vol 52, ISBN: 0120 329 530.
68. O'Brien, E. and Dietrich, D.R., (2004): Mycotoxins affecting the kidney. In: Tarloff, J. and Lash, L. (Eds.), *Toxicology of the Kidney 3rd Edition*, Taylor & Francis, London, in press.
69. Dietrich, D.R., and Hitzfeld, B.C. (2004): Bioaccumulation and ecotoxicity of synthetic musks in the aquatic environment. In: Rimkus, G. (Ed.), *Synthetic Musk Fragrances in the Environment, The Handbook of Environmental Chemistry*, Springer Verlag, Heidelberg, 3(X):233-244.
70. Pfluger, P., and Dietrich D.R. (2001): Pharmaceuticals in the environment – an overview and principle considerations. In: Kümmerer, K. (Ed.), *Pharmaceuticals in the Environment*, Springer Verlag, Heidelberg, Chapter 2: 11-17, ISBN 3-540-41067-8.
71. Dietrich, D.R., and Chou, Y.-J. (2001): Ecotoxicology of musks. In: *Pharmaceuticals and Personal Care Products in the Environment: Scientific and Regulatory Issues*, Daughton, C.G. and Jones-Lepp, T. (eds.), *Symposium Series 791*; American Chemical Society: Washington, D.C., p156-167.
72. Dietrich, D.R. (1995): Alpha 2u-Globulin: Species and sex specific protein synthesis and excretion and its association with chemically induced renal toxicity and neoplasia in the male rat, and its relevance in conjunction with human cancer risk assessment. In: E. Hodgson, J.R. Bend, R.M. Philpot (Eds.), *Reviews in Biochemical Toxicology*, Toxicology Communications Inc., Raleigh, NC, 11:115-179.
73. Dietrich, D.R. (1994): Schadstoffeffekte In Vögeln. In: M.Schlumpf and W. Lichtensteiger (Eds.), *Kind und Umwelt, Schadstoffe Heute*, 3:47-65.
74. Dietrich, D.R., and Swenberg, J.A. (1993): Renal Carcinogenesis. In: J.B. Hook and R. Goldstein(Eds.), *Toxicology of the Kidney*, Raven Press, 19:495-537.

Book Reviews

75. Dietrich, D.R. (2002): Review of "Essentials of Pathology for Toxicologists" written by Paul Grasso. *Trends in Pharmacological Sciences*, 23(8):394.
76. Dietrich, D.R., (1998): Reviewed book „Development / Zebrafish Issue, Volume 123, December 1996, Chris Wylie (Editor-in-Chief), Published by the Company of Biologists Limited, Bidder Building, 140 Cowley Road, Cambridge CB4 4DL, UK, ISBN: 0948601 46 9, 481pp.", *Aquat. Toxicol.*, 41:183-186.

Reports

77. Krieger, H., Lampertsdöfer, T. and Dietrich, D.R. (2002): Status- und Strategiebericht: Schadstoffe und Ihre ökotoxikologische Relevanz für den Bodensee. Internationale Gewässerschutzkommission Bodensee (IGKB), Bregenz, Austria, 165pp.
78. Pfluger P., Prietz A., Koster C., Wasserrab B., Knörzer B., and Dietrich D.R. (2000): Untersuchungen zur aquatischen Toxizität und zur endokrinen Aktivität von Carbamazepin. Environmental Protection Agency (LFU), Baden-Württemberg, Germany, 39pp.
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